

**BOBBY JINDAL**  
GOVERNOR



**HAROLD LEGGETT, PH.D.**  
SECRETARY

**State of Louisiana**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**ENVIRONMENTAL SERVICES**

Certified Mail No.:

Activity No.: PER20090001  
Agency Interest No.: 165747

George Taylor  
Operations Manager, Southern Division  
Cabot Oil and Gas Corporation  
1200 Enclave Parkway  
Houston, TX 77077

RE: Permit, CL&F 34 #1 Production Facility - Kent Bayou Field, Cabot Oil and Gas Corp.,  
Houma, Terrebonne Parish, Louisiana

Dear Mr. Taylor:

This is to inform you that the permit request for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets, and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Also enclosed is a document entitled "General Information." Please be advised that this document contains a summary of facility-level information contained in LDEQ's TEMPO database and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Permit Support Services Division, at (225) 219-0075 or email your changes to facupdate@la.gov.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

Permit No.: 2880-00412-00

Sincerely,

Cheryl Sonnier Nolan  
Assistant Secretary  
CSN:LND

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**CABOT OIL AND GAS CORP., CL & F 34 NO. 1 PRODUCTION FACILITY**  
**PROPOSED INITIAL MINOR SOURCE AIR OPERATING PERMIT**

The LDEQ, Office of Environmental Services, is accepting written comments on the Initial Minor Source Air Operating Permit for Cabot Oil and Gas Corporation, 1200 Enclave Parkway, Houston, TX 77077 for the CL & F 34 No. 1 Production Facility. **The facility is located in an existing oil and gas canal within Kent Bayou Field, (Section 34, T17S-R13E), 12.5 miles southwesterly of Gibson, LA, Terrebonne Parish.**

Cabot Oil and Gas requested a minor source air operating permit to begin construction and operation of an oil and gas facility producing 20 MM cfd of gas, 43,800 BOPY (barrels of oil produced per year), and 1,095 BWPY (barrels of water produced per year).

Pollutant	Emissions
PM <sub>10</sub>	0.32
SO <sub>2</sub>	0.02
NO <sub>X</sub>	55.91
CO	91.76
VOC*	31.91

\* Includes 2.35 TPY of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs)

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

**This permit was processed as an expedited permit in accordance with LAC 33:I.Chapter 18.**

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Friday, October 23, 2009.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application and proposed permit are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).**

An additional copy may be reviewed at the Terrebonne Parish Library, Gibson Branch, 6363 South Bayou Black Drive, Gibson, LA 70356.

Inquiries or requests for additional information regarding this permit action should be directed to L. Dugas, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3127.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [deqmailistrequest@la.gov](mailto:deqmailistrequest@la.gov) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

**Permit public notices including electronic access to the proposed permit** can be viewed at the LDEQ permits public notice webpage at [www.deq.louisiana.gov/apps/pubNotice/default.asp](http://www.deq.louisiana.gov/apps/pubNotice/default.asp) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tabcid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tabcid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [www.doa.louisiana.gov/oes/listservpage/deq\\_pn\\_listserv.htm](http://www.doa.louisiana.gov/oes/listservpage/deq_pn_listserv.htm).

**All correspondence should specify AI Number 165747, Permit Number 2880-00412-00, and Activity Number PER20090001.**

Scheduled Publication Date: September 22, 2009

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**CL&F 34 #1 Production Facility - Kent Bayou Field**

Agency Interest No.: 165747

Cabot Oil and Gas Corporation

Houma, Terrebonne Parish, Louisiana

**I. BACKGROUND**

Cabot Oil and Gas Corporation - CL&F 34 #1 Production Facility - Kent Bayou Field will begin construction and operation after issuance of this permit.

The coastal use permit for this facility is P20090578.

**II. ORIGIN**

A permit application and Emission Inventory Questionnaire (EIQ) dated August 18, 2009 were received by LDEQ on August 20, 2009 requesting a permit. Additional information dated August 31 and September 2, 2009 was also received.

**III. DESCRIPTION**

Cabot Oil and gas is requesting approval for the construction and operation of a new oil and gas facility producing 20 MM cfd of gas, 43,800 BOPY, and 1,095 BWPY.

Production from the well will flow through a line heater and then to a high-pressure separator. Gas from the high-pressure separator will be routed to the glycol contact tower for drying prior to being routed to sales and used as fuel. Vapors from the glycol still column will be routed through a condensing unit where liquids will be collected and vapors will be vented directly to the atmosphere. The glycol dehydration unit will be equipped with a glycol pump flash separator (GPFS) where off-gas will be routed to the gun barrel tank and then to the control flare for combustion.

Liquids from the high pressure separator will be routed to a low- pressure separator. Gas from the low-pressure separator will be captured by the facility's compressor system and discharged to the high pressure system mentioned previously. Liquids from the low pressure separator will be routed to the heater treater for further separation. Gas from the heater treater will be routed to the gun barrel tank and then to the control flare for combustion. Oil from the heater treater will be routed to on-site tanks for storage until hauled by marine barge for sales. Water from the heater treater will be routed to the gun barrel tank and then to on-site tanks for storage until pumped (via natural gas fired SWD pump) to an injection well for disposal. Vapors from the storage tanks will be routed to the control flare for combustion, except during brief intervals when thief hatches are opened for purposes of gauging, sampling, etc.

A blowcase vessel and various gas operated pumps and insignificant storage tanks will also be located at this facility. Emissions from these and any related sources are also included.

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**CL&F 34 #1 Production Facility - Kent Bayou Field**

**Agency Interest No.: 165747  
Cabot Oil and Gas Corporation  
Houma, Terrebonne Parish, Louisiana**

Estimated emissions from this facility in tons per year are as follows:

Pollutant	Emissions
PM <sub>10</sub>	0.32
SO <sub>2</sub>	0.02
NO <sub>x</sub>	55.91
CO	91.76
VOC*	31.91

\*VOC speciation in tons per year:

LAC 33:III. Chapter 51 Toxic Air Pollutants TAP's	Emissions in Tons per year
2,24-Trimethyl pentane	0.16
Benzene	0.63
Ethyl Benzene	0.01
Formaldehyde	0.20
Methanol	0.03
n-Hexane	0.84
Toluene	0.41
Xylenes	0.07
Total TAP's	2.35
Other VOC's	29.56
<b>Total VOC's</b>	<b>31.91</b>

**IV. TYPE OF REVIEW**

This permit was reviewed for compliance with Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

This facility is a minor source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs).

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**CL&F 34 #1 Production Facility - Kent Bayou Field**

**Agency Interest No.: 165747  
Cabot Oil and Gas Corporation  
Houma, Terrebonne Parish, Louisiana**

**V. PUBLIC NOTICE**

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. All comments will be considered prior to the final permit decision.

**VI. EFFECTS ON AMBIENT AIR**

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Models Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Ambient Air Quality Standard (NAAQS)

**VII. GENERAL CONDITION XVII ACTIVITIES**

Work Activity	Schedule	Emission Rates - tons			
		PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO
Miscellaneous Sampling Procedures					0.25
Compressor Blowdowns Associated with Regular Maintenance	4 times/month				0.75
Pump Preparation					0.13
Line Preparation					0.25
Vessel Preparation					0.20
Filter Replacement					0.05
Instrumentation Mechanical Work					0.10
Tank Cleaning for Inspection/Service					0.38
Storage Tank Thief Hatch Releases	Daily & During Loading Operations				1.00

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**CL&F 34 #1 Production Facility - Kent Bayou Field**

**Agency Interest No.: 165747  
Cabot Oil and Gas Corporation  
Houma, Terrebonne Parish, Louisiana**

**VIII. INSIGNIFICANT ACTIVITIES**

<b>ID No.:</b>	<b>Description</b>	<b>Citation</b>
1-09-LH-BS	Line Heater-Burner Stack (1 MM BTU/hr)	LAC 33:III.501.B.S.A.1
2-09-HT-BS	Heater Treater-Burner Stack (0.5 MM BTU/hr)	LAC 33:III.501.B.S.A.5
21-09-CST	200 gallons Chemical Storage Tank	LAC 33:III.501.B.S.A.2
22-09-GTS	300 gallons Glycol Storage Tank I	LAC 33:III.501.B.S.A.3
23-09-LOT	Three 500 gallons Lube Oil Tanks	LAC 33:III.501.B.S.A.3

General Information

**AI ID: 165747 CL&F 34 #1 Production Facility - Kent Bayou Field**  
**Activity Number: PER20090001**  
**Permit Number: 2880-00412-00**  
**Air - Minor Source/Small Source Initial**

Also Known As:	ID	Name	User Group	Start Date
	2880-00412	CDS Number	CDS Number	08-20-2009
	LAG33A934	LPDES Permit #	LPDES Permit #	08-21-2009
		Cabot Oil & Gas Corp	Multimedia	07-08-2009
Physical Location:			Main Phone:	2815894600
Mailing Address:			Phone (Type)	
Related People:			Relationship	
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Cabot Oil & Gas Corp	1200 Enclave Pkwy Ste 300 Houston, TX 77077	2815894600 (WP)	Operates
	Cabot Oil & Gas Corp	1200 Enclave Pkwy Ste 300 Houston, TX 77077	7139852386 (WF)	Operates
	Cabot Oil & Gas Corp	1200 Enclave Pkwy Ste 300 Houston, TX 77077	7139852386 (WF)	Water Billing Party for
	Cabot Oil & Gas Corp	1200 Enclave Pkwy Ste 300 Houston, TX 77077	7139852386 (WF)	Owes
	Cabot Oil & Gas Corp	1200 Enclave Pkwy Ste 300 Houston, TX 77077	2815894600 (WP)	Water Billing Party for
	Cabot Oil & Gas Corp	1200 Enclave Pkwy Ste 300 Houston, TX 77077	2815894600 (WP)	Owes

**Note:** This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to [fscupdate@la.gov](mailto:fscupdate@la.gov).

**AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field**  
**Activity Number: PER20090001**  
**Permit Number: 2880-00412-00**  
**Air - Minor Source/Small Source Initial**

**INVENTORIES**

## Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>CL &amp; F 334 No. 1 Production Facility</b>						
EQT 0001	3-09-GR-BS - Glycol Regenerator-Burner Stack	.5 MM BTU/hr	.5 MM BTU/hr	natural gas	8760 hr/yr	
EQT 0002	4-09-GR-SCC - Glycol Regenerator-Still Column Condenser	7300 MM scf/yr	20 MM ft <sup>3</sup> /day	90 gallons/hr glycol	8760 hr/yr	
EQT 0003	5-09-ICE-ES Internal Combustion Engine-Exhaust Stack (Gas Compressor)	200 horsepower	200 horsepower	natural gas (heat input 1.7 MM BTU/hr)	8760 hr/yr	
EQT 0004	6-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Oil Pump)	200 horsepower	200 horsepower	natural gas (heat input 1.7 MM BTU/hr)	8760 hr/yr	
EQT 0005	7-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (SVD Pump)	100 horsepower	100 horsepower	natural gas (heat input 0.9 MM BTU/hr)	8760 hr/yr	
EQT 0006	8a-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent	84000 gallons	14600 bbl/yr	Oil	8760 hr/yr	
EQT 0007	8b-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent	84000 gallons	14600 bbl/yr	Oil	8760 hr/yr	
EQT 0008	8c-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent	84000 gallons	14600 bbl/yr	Oil	8760 hr/yr	
EQT 0009	8d-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent	63000 gallons	335216 bbl/yr	Water	8760 hr/yr	
EQT 0010	8e-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent	63000 gallons	335216 bbl/yr	Water	8760 hr/yr	
EQT 0011	8f-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent	63000 gallons	335216 bbl/yr	Water	8760 hr/yr	
EQT 0012	8g-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent	16800 gallons	89352 bbl/yr	Water	8760 hr/yr	
EQT 0013	8h-09-GBT-CV - 1500 BBL Gun Barrel Tank-Common Vent	6300 gallons	1096095 bbl/yr	1,095,000 bbl water/yr and 1.095 bbl oil/yr	8760 hr/yr	
EQT 0014	9-09-F - Control Flare		8.8 MM scf/yr	natural gas- Heat Input 1.5 MM BTU/hr	8760 hr/yr	
EQT 0015	10-09-HT-WG - Heater Treater-Waste Gas		1.1 MM scf/yr	1.1 MM scf/yr	8760 hr/yr	
EQT 0016	11-09-GPFS-WG - Glycol Pump Flash Separator-Waste Gas		6.2 MM scf/yr	6.2 MM scf/yr	8760 hr/yr	
EQT 0017	12-09-GOP - Gas Operated Pump (Chemical Injection)		152 MM scf/yr	.152 MM scf/yr	8760 hr/yr	
EQT 0018	13-09-GOP - Gas Operated Pump (Wilden M4)		904 MM scf/yr	.904 MM scf/yr	200 hr/yr	
EQT 0019	14-09-GOP - Gas Operated Pump (Wilden M4)		904 MM scf/yr	.904 MM scf/yr	200 hr/yr	
EQT 0020	15-09-GOP - Gas Operated Pump (Wilden M8)		1.8 MM scf/yr	1.8 MM scf/yr	200 hr/yr	
EQT 0021	16-09-GOP - Gas Operated Pump (Wilden M8)		1.8 MM scf/yr	1.8 MM scf/yr	200 hr/yr	
EQT 0022	17-09-BV - Blowcase Vessel (Compressor Skid Fluids)		29200 gallons/yr	29200 gallons/yr	8760 hr/yr	
EQT 0023	18-09-LL - Loading Losses-Oil Transfer to Marine Barge		43800 bbl/yr	oil	8760 hr/yr	
EQT 0024	19-09-PC - Pneumatic Controllers		2.9 MM scf/yr	2.9 MM scf/yr	8760 hr/yr	
FUG 0001	20-09-FE - Fugitive Emissions				8760 hr/yr	
<b>Stack Information:</b>						
ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)
C1 & F 334 No. 1 Production Facility		19	220	.5		10
EQT 0001 3-09-GR-BS - Glycol Regenerator-Burner Stack		19	220	.5		1000

INVENTORIES

AI ID: 165747 - CL&amp;F 34 #1 Production Facility - Kent Bayou Field

Activity Number: PER20090001

Permit Number: 2880-004-12-00

Air - Minor Source/Small Source Initial

## Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
<b>CL &amp; F 334 No. 1 Production Facility</b>							
EOT 0002 4-09-GR-SCC	Glycol Regenerator-Still Column Condenser	.1	.1	.2		8	110
EOT 0003 5-09-ICE-ES	Internal Combustion Engine-Exhaust Stack (Gas Compressor)	76	900	.5		10	1000
EOT 0004 6-09-ICE-ES	Internal Combustion Engine-Exhaust Stack (Oil Pump)	76	900	.5		10	1000
EOT 0005 7-09-ICE-ES	Internal Combustion Engine-Exhaust Stack (SWD Pump)	38	450	.5		10	1000
EOT 0014 9-09-F	Control Flare	116	1367	.5		20	1500
EOT 0017 12-09-GOP	Gas Operated Pump (Chemical Injection)	16	.3	.02		2	70
EOT 0018 13-09-GOP	Gas Operated Pump (Wilden M4)	442	75	.06		2	70
EOT 0019 14-09-GOP	Gas Operated Pump (Wilden M4)	442	75	.06		2	70
EOT 0020 15-09-GOP	Gas Operated Pump (Wilden M8)	890	151	.06		2	70
EOT 0021 16-09-GOP	Gas Operated Pump (Wilden M8)	890	151	.06		2	70
EOT 0022 17-09-BV	Bowcase Vessel (Compressor Skid Fluids)	5.3	.1	.02		2	70
EOT 0023 18-09-LL	Loading Losses-Oil Transfer to Marine Barge	.8	3.2	.3		5	70

## Relationships:

ID	Description	Relationship	ID	Description
EOT 0014	9-09-F - Control Flare	Controls emissions from	EQT 0006	8a-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent
EOT 0014	9-09-F - Control Flare	Controls emissions from	EQT 0007	8b-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent
EOT 0014	9-09-F - Control Flare	Controls emissions from	EQT 0008	8c-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent
EOT 0014	9-09-F - Control Flare	Controls emissions from	EQT 0009	8d-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent
EOT 0014	9-09-F - Control Flare	Controls emissions from	EQT 0010	8e-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent
EOT 0014	9-09-F - Control Flare	Controls emissions from	EQT 0013	8h-09-GBT-CV - 150 BBL Gun Barrel Tank-Common Vent
EOT 0014	9-09-F - Control Flare	Controls emissions from	EQT 0011	8l-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent
EOT 0014	9-09-F - Control Flare	Controls emissions from	EQT 0012	8g-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent
EOT 0015	10-09-HT-WG - Heater Treater-Waste Gas	Vents to	EQT 0013	8h-09-GBT-CV - 150 BBL Gun Barrel Tank-Common Vent
EOT 0016	11-09-GPF-S-WG - Glycol Pump Flash Separator-Waste Gas	Vents to	EQT 0013	8h-09-GBT-CV - 150 BBL Gun Barrel Tank-Common Vent

## Subject Item Groups:

ID	Group Type	Group Description
UNF 0001	Unit or Facility Wide	Cabot Oil & Gas Corp. - CL & F 334 No. 1 Production Facility

## Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

**INVENTORIES**

AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field  
 Activity Number: PER20090001  
 Permit Number: 2880-00412-00  
 Air - Minor Source/Small Source Initial

**Annual Maintenance Fee:**

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0041	0041 Crude Oil and Natural Gas Production (equal to or greater than 100 T/Yr and less than 250 T/Yr Source)		

**SIC Codes:**

**EMISSION RATES FOR CRITERIA POLLUTANTS**

AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field  
 Activity Number: PER20090001  
 Permit Number: 2880-00412-00  
 Air - Minor Source/Small Source Initial

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
<b>CL &amp; F 334 No. 1 Production Facility</b>															
EOT 0001 3-09-GR-BAS	0.05	0.05	0.21	0.06	0.06	0.25	0.005	0.005	0.02	<0.001	<0.001	<0.01	0.002	0.002	0.01
EOT 0002 4-09-GR-SCC													0.42	0.42	1.82
EOT 0003 5-09-4CE-ES	8.19	10.23	35.85	5.00	6.25	21.88	0.02	0.02	0.10	0.002	0.002	0.01	0.12	0.15	0.51
EOT 0004 6-09-4CE-ES	8.19	10.23	35.85	5.00	6.25	21.88	0.02	0.02	0.10	0.002	0.002	0.01	0.12	0.15	0.51
EOT 0005 7-09-4CE-ES	4.09	5.12	17.93	2.5	3.12	10.94	0.01	0.01	0.05	<0.001	<0.001	<0.01	0.06	0.07	0.26
EOT 0014 9-09-F	0.44	0.44	1.92	0.22	0.22	0.96	0.01	0.01	0.05	<0.001	<0.001	<0.01	0.63	0.63	2.78
EOT 0017 12-09-GOP													0.09	0.09	0.41
EOT 0018 13-09-GOP													24.36	24.36	2.44
EOT 0019 14-09-GOP													24.36	24.36	2.44
EOT 0020 15-09-GOP													48.72	48.72	4.87
EOT 0021 16-09-GOP													48.72	48.72	4.87
EOT 0022 17-09-BV													0.03	0.37	0.11
EOT 0023 18-09-LL													23.52	37.63	1.03
EOT 0024 19-09-PC													1.79	1.79	7.82
FUG 0001 20-09-FE													0.46	0.46	2.03

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 165747 - CL&amp;F 34 #1 Production Facility - Kent Bayou Field

Activity Number: PER20090001

Permit Number: 2880-00412-00

Air - Minor Source/Small Source Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0002 4-09-GR-SCC	Benzene	0.08	0.08	0.37
	Ethyl benzene	0.002	0.002	0.01
	Toluene	0.05	0.05	0.20
	Xylene (mixed isomers)	0.01	0.01	0.03
	n-Hexane	0.01	0.01	0.03
EQT 0003 5-09-ICE-ES	Benzene	0.01	0.01	0.04
	Formaldehyde	0.02	0.02	0.08
	Methanol	0.002	0.002	0.01
	Toluene	0.002	0.002	0.01
EQT 0004 6-09-ICE-ES	Benzene	0.01	0.01	0.04
	Formaldehyde	0.02	0.02	0.08
	Methanol	0.002	0.002	0.01
	Toluene	0.002	0.002	0.01
EQT 0005 7-09-ICE-ES	Benzene	0.005	0.005	0.02
	Formaldehyde	0.01	0.01	0.04
	Methanol	0.002	0.002	0.01
	Toluene	0.002	0.002	0.01
EQT 0014 9-09-F	2,2,4-Trimethylpentane	0.005	0.005	0.02
	Benzene	0.01	0.01	0.05
	Toluene	0.01	0.01	0.05
	Xylene (mixed isomers)	0.002	0.002	0.01
	n-Hexane	0.03	0.03	0.13
EQT 0017 12-09-GOP	n-Hexane	0.002	0.002	0.01
EQT 0018 13-09-GOP	2,2,4-Trimethylpentane	0.15	0.15	0.01
	Benzene	0.12	0.12	0.01
	Ethyl benzene	0.01	0.01	<0.01
	Toluene	0.13	0.13	0.01
	Xylene (mixed isomers)	0.04	0.04	<0.01
	n-Hexane	0.61	0.61	0.06
EQT 0019 14-09-GOP	2,2,4-Trimethylpentane	0.15	0.15	0.01
	Benzene	0.12	0.12	0.01
	Ethyl benzene	0.01	0.01	<0.01
	Toluene	0.13	0.13	0.01

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 165747 - CL&amp;F 34 #1 Production Facility - Kent Bayou Field

Activity Number: PER20090001

Permit Number: 2880-00412-00

Air - Minor Source/Small Source Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0019 14-09-GOP	Xylene (mixed isomers)	0.04	0.04	<0.01
	n-Hexane	0.61	0.61	0.06
EQT 0020 15-09-GOP	2,2,4-Trimethylpentane	0.29	0.29	0.03
	Benzene	0.25	0.25	0.02
	Ethyl benzene	0.01	0.01	<0.01
	Toluene	0.25	0.25	0.03
	Xylene (mixed isomers)	0.07	0.07	0.01
	n-Hexane	1.22	1.22	0.12
EQT 0021 16-09-GOP	2,2,4-Trimethylpentane	0.29	0.29	0.03
	Benzene	0.25	0.25	0.02
	Ethyl benzene	0.01	0.01	<0.01
	Toluene	0.25	0.25	0.03
	Xylene (mixed isomers)	0.07	0.07	0.01
	n-Hexane	1.22	1.22	0.12
EQT 0022 17-09-BV	n-Hexane	<0.001	0.01	<0.01
EQT 0023 18-09-LL	Benzene	0.03	0.05	<0.01
	n-Hexane	2.11	3.38	0.09
EQT 0024 19-09-PC	2,2,4-Trimethylpentane	0.01	0.01	0.05
	Benzene	0.01	0.01	0.04
	Toluene	0.01	0.01	0.04
	Xylene (mixed isomers)	0.002	0.002	0.01
	n-Hexane	0.04	0.04	0.20
FUG 0001 20-09-FE	2,2,4-Trimethylpentane	0.002	0.002	0.01
	Benzene	0.002	0.002	0.01
	Ethyl benzene	<0.001	<0.001	<0.01
	Toluene	0.002	0.002	0.01
	Xylene (mixed isomers)	0.001	0.001	<0.01
	n-Hexane	0.01	0.01	0.02
UNF 0001 Cabot Oil & Gas Corp.	Benzene			0.63
	Ethyl benzene			0.01
	Formaldehyde			0.20
	Methanol			0.03
	Toluene			0.41

**EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**

AI ID: 165747 - CL&amp;F 34 #1 Production Facility - Kent Bayou Field

Activity Number: PER20090001

Permit Number: 2880-00412-00

Air - Minor Source/Small Source Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Cabot Oil & Gas Corp.	Xylene (mixed isomers)			0.07
	n-Hexane			0.84

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

**SPECIFIC REQUIREMENTS**

AJ ID: **165747 - CL&F 34 #1 Production Facility - Kent Bayou Field**  
**Activity Number:** PER20090001  
**Permit Number:** 2880-00412-00  
**Air - Minor Source/Small Source Initial**

**EQT 0001 3-09-GR-BS - Glycol Regenerator-Burner Stack**

1 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

**EQT 0002 4-09-GR-SCC - Glycol Regenerator-Still Column Condenser**

3 [40 CFR 63.760(e)] Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]  
 This unit shall keep records of the actual average benzene emissions (in terms of benzene emissions per year) as determined in accordance with 40 CFR 63.772(b)(2).

5 [40 CFR 63.774(d)]

[40 CFR 63.774(d)(1)(ii)]

Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.774(d)(1)(i) or (d)(1)(ii), as applicable. Subpart HH. [40 CFR 63.774(d)]  
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.774(d)(1)(i) or (d)(1)(ii), as applicable. Subpart HH

This unit shall comply with 40 CFR 63.774(d)(1)(ii). [40 CFR 63.774(d)]

VOC, Total >= 85% reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.

Which Months: All Year Statistical Basis: None specified

Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.

Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.

**EQT 0003 5-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Gas Compressor)**

10 [40 CFR 60.423(e)] Carbon monoxide <= 4.0 g/BHP-hr (0.0088 lb/HP-hr; 540 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified

11 [40 CFR 60.4233(e)] Nitrogen oxides <= 2.0 g/BHP-hr (0.0044 lb/HP-hr; 160 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified  
 (Excluding formaldehyde) VOC. Total <= 1.0 g/BHP-hr (0.0022 lb/HP-hr; 86 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified  
 Operate and maintain stationary SI ICE to achieve the emission standards as required in 40 CFR 60.4233 over the entire life of the engine.  
 Subpart JJJ.

**SPECIFIC REQUIREMENTS**

**AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field**  
**Activity Number: PER20090001**  
**Permit Number: 2880-004112-00**  
**Air - Minor Source/Small Source Initial**

**EQT 0003 5-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Gas Compressor)**

- 14 [40 CFR 60.4243(b)(2)] Ensure that the engine is maintained and operated to the extent practicable in a manner consistent with good air pollution control practice for minimizing emissions. Subpart JJJJ. [40 CFR 60.4243(b)(2)]
- 15 [40 CFR 60.4243(b)(2)] Demonstrate compliance with the emission standards specified in 40 CFR 60.4233(d) or (e) according to the requirements specified in 40 CFR 60.4244, as applicable. Subpart JJJJ. [40 CFR 60.4243(b)(2)]
- 16 [40 CFR 60.4243(b)(2)] Demonstrate compliance with the emission standards specified in 40 CFR 60.4233(d) or (e) according to the requirements specified in 40 CFR 60.4244, as applicable. Subpart JJJJ. [40 CFR 60.4243(b)(2)]
- 17 [40 CFR 60.4243(b)(2)] Conduct an initial performance test. Conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance, if the engine is greater than 500 HP. Subpart JJJJ. [40 CFR 60.4243(b)(2)]
- 18 [40 CFR 60.4243(e)] Operate using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations. Keep records of such use. If propane is used for more than 100 hours per year and the engine is not certified to the emission standards when using propane, conduct a performance test to demonstrate compliance with the emission standards of 40 CFR 60.4233. Subpart JJJJ. [40 CFR 60.4243(e)]
- 19 [40 CFR 60.4243(f)] Perform initial performance testing as indicated in 40 CFR 60.4243, if the engine is either non-certified or is not operated or maintained, along with the control device, according to the manufacturer's written emission-related instructions. Conduct subsequent performance testing, if the engine is rebuilt or undergoes major repair or maintenance. Subpart JJJJ. [40 CFR 60.4243(f)]
- 20 [40 CFR 60.4243(g)] If air-to-fuel ratio controller: Maintain and operate appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times. Subpart JJJJ. [40 CFR 60.4243(g)]
- 21 [40 CFR 60.4244] Conduct performance tests by following the procedures in 40 CFR 60.4244(a) through (g). Subpart JJJJ.
- 22 [40 CFR 60.4245(a)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information in 40 CFR 60.4245(a)(1) through (a)(4). Subpart JJJJ. [40 CFR 60.4245(a)]
- 23 [40 CFR 60.4245(c)] Submit an initial notification as required in 40 CFR 60.7(a)(1). Include the information in 40 CFR 60.4245(c)(1) through (c)(5). Subpart JJJJ. [40 CFR 60.4245(c)]
- 24 [40 CFR 60.4245(d)] Submit performance test results: Due within 60 days after each test conducted according to 40 CFR 60.4244 has been completed. Subpart JJJJ. [40 CFR 60.4245(d)]
- 25 [40 CFR 63.6590(c)] Meet the requirements of 40 CFR 60 Subpart IIII for compression ignition engines or 40 CFR 60 Subpart JJJJ for spark ignition engines. Subpart ZZZZ
- This engine shall comply with 40 CFR 63 Subpart JJJJ. [40 CFR 63.6590(c)]
- 26 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lanching, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average

**EQT 0004 6-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Oil Pump)**

**SPECIFIC REQUIREMENTS**

AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field  
 Activity Number: PER20090001  
 Permit Number: 2880-00412-00  
 Air - Minor Source/Small Source Initial

**EQT 0004 6-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Oil Pump)**

- 28 [40 CFR 60.4233(e)] Carbon monoxide <= 4.0 g/BHP-hr (0.0088 lb/HP-hr; 540 ppmvd at 15% O<sub>2</sub>). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified  
 (Excluding formaldehyde) VOC, Total <= 1.0 g/BHP-hr (0.0022 lb/HP-hr; 86 ppmvd at 15% O<sub>2</sub>). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified
- 29 [40 CFR 60.4233(e)] Nitrogen oxides <= 2.0 g/BHP-hr (0.0044 lb/HP-hr; 160 ppmvd at 15% O<sub>2</sub>). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified
- 30 [40 CFR 60.4233(e)] Operate and maintain stationary SI ICE to achieve the emission standards as required in 40 CFR 60.4233 over the entire life of the engine.  
 Subpart JJJ.
- 31 [40 CFR 60.4234] Ensure that the engine is maintained and operated to the extent practicable in a manner consistent with good air pollution control practice for minimizing emissions. Subpart JJJ. [40 CFR 60.4243(b)(2)]
- 32 [40 CFR 60.4243(b)(2)] Conduct an initial performance test. Conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance, if the engine is greater than 500 HP. Subpart JJJ. [40 CFR 60.4243(b)(2)]
- 33 [40 CFR 60.4243(b)(2)] Demonstrate compliance with the emission standards specified in 40 CFR 60.4233(d) or (e) according to the requirements specified in 40 CFR 60.4244, as applicable. Subpart JJJ. [40 CFR 60.4243(b)(2)]
- 34 [40 CFR 60.4243(b)(2)] Demonstrate compliance with the emission standards specified in 40 CFR 60.4233(d) or (e) according to the requirements specified in 40 CFR 60.4244, as applicable. Subpart JJJ. [40 CFR 60.4243(b)(2)]
- 35 [40 CFR 60.4243(b)(2)] Operate using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations. Keep records of such use. If propane is used for more than 100 hours per year and the engine is not certified to the emission standards when using propane, conduct a performance test to demonstrate compliance with the emission standards of 40 CFR 60.4233. Subpart JJJ. [40 CFR 60.4243(e)]
- 36 [40 CFR 60.4243(e)] Perform initial performance testing as indicated in 40 CFR 60.4243, if the engine is either non-certified or is not operated or maintained, along with the control device, according to the manufacturer's written emission-related instructions. Conduct subsequent performance testing, if the engine is rebuilt or undergoes major repair or maintenance. Subpart JJJ. [40 CFR 60.4243(f)]
- 37 [40 CFR 60.4243(f)] If air-to-fuel ratio controller: Maintain and operate appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times. Subpart JJJ. [40 CFR 60.4243(g)]
- 38 [40 CFR 60.4243(g)] Conduct performance tests by following the procedures in 40 CFR 60.4244(a) through (g). Subpart JJJ.
- 39 [40 CFR 60.4244] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information in 40 CFR 60.4245(a)(1) though (a)(4). Subpart JJJ. [40 CFR 60.4245(a)]
- 40 [40 CFR 60.4245(a)] Submit an initial notification as required in 40 CFR 60.7(a)(1). Include the information in 40 CFR 60.4245(c)(1) through (c)(5). Subpart JJJ. [40 CFR 60.4245(c)]
- 41 [40 CFR 60.4245(c)] Submit performance test results: Due within 60 days after each test conducted according to 40 CFR 60.4244 has been completed. Subpart JJJ. [40 CFR 60.4245(d)]
- 42 [40 CFR 60.4245(d)] Meet the requirements of 40 CFR 60 Subpart III for compression ignition engines or 40 CFR 60 Subpart JJJ for spark ignition engines.  
 Subpart ZZZZ
- 43 [40 CFR 63.6590(c)] This engine shall comply with 40 CFR 63 Subpart JJJ. [40 CFR 63.6590(c)]

**SPECIFIC REQUIREMENTS**

AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field  
 Activity Number: PER20090001  
 Permit Number: 2880-00412-00  
 Air - Minor Source/Small Source Initial

**EQT 0004 6-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (Oil Pump)**

- 44 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average

**EQT 0005 7-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (SWD Pump)**

- 46 [40 CFR 60.4233(e)] Carbon monoxide <= 4.0 g/BHP-hr (0.0088 lb/HP-hr; 540 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified  
 (Excluding formaldehyde) VOC, Total <= 1.0 g/BHP-hr (0.0022 lb/HP-hr; 86 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified  
 Nitrogen oxides <= 2.0 g/BHP-hr (0.0044 lb/HP-hr; 160 ppmvd at 15% O2). Subpart JJJ. [40 CFR 60.4233(e)]  
 Which Months: All Year Statistical Basis: None specified  
 Operate and maintain stationary SULCE to achieve the emission standards as required in 40 CFR 60.4233 over the entire life of the engine.  
 Subpart JJJ.  
 Demonstrate compliance with the emission standards specified in 40 CFR 60.4233(d) or (e) according to the requirements specified in 40 CFR 60.4244, as applicable. Subpart JJJ. [40 CFR 60.4243(b)(2)]  
 Ensure that the engine is maintained and operated to the extent practicable in a manner consistent with good air pollution control practice for minimizing emissions. Subpart JJJ. [40 CFR 60.4243(b)(2)]  
 Conduct an initial performance test. Conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance, if the engine is greater than 500 HP. Subpart JJJ. [40 CFR 60.4243(b)(2)]  
 Demonstrate compliance with the emission standards specified in 40 CFR 60.4233(d) or (e) according to the requirements specified in 40 CFR 60.4244, as applicable. Subpart JJJ. [40 CFR 60.4243(b)(2)]  
 Operate using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations. Keep records of such use. If propane is used for more than 100 hours per year and the engine is not certified to the emission standards when using propane, conduct a performance test to demonstrate compliance with the emission standards of 40 CFR 60.4233. Subpart JJJ. [40 CFR 60.4243(e)]  
 Perform initial performance testing as indicated in 40 CFR 60.4243, if the engine is either non-certified or is not operated or maintained, along with the control device, according to the manufacturer's written emission-related instructions. Conduct subsequent performance testing, if the engine is rebuilt or undergoes major repair or maintenance. Subpart JJJ. [40 CFR 60.4243(f)]  
 If air-to-fuel ratio controller: Maintain and operate appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times. Subpart JJJ. [40 CFR 60.4243(g)]  
 Conduct performance tests by following the procedures in 40 CFR 60.4244(a) through (g). Subpart JJJ.  
 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information in 40 CFR 60.4245(a)(1) through (a)(4). Subpart JJJ. [40 CFR 60.4245(a)]

**SPECIFIC REQUIREMENTS**

AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field  
 Activity Number: PER20090001  
 Permit Number: 2880-00412-00  
 Air - Minor Source/Small Source Initial

**EQT 0005 7-09-ICE-ES - Internal Combustion Engine-Exhaust Stack (SWD Pump)**

- 59 [40 CFR 60.4245(c)] Submit an initial notification as required in 40 CFR 60.7(a)(1). Include the information in 40 CFR 60.4245(c)(1) through (c)(5). Subpart JJJ.  
 [40 CFR 60.4245(c)]

- 60 [40 CFR 60.4245(d)] Submit performance test results: Due within 60 days after each test conducted according to 40 CFR 60.4244 has been completed. Subpart JJJ.  
 [40 CFR 60.4245(d)]

- 61 [40 CFR 63.6590(c)] Meet the requirements of 40 CFR 60 Subpart IIII for compression ignition engines or 40 CFR 60 Subpart JJJ for spark ignition engines.  
 Subpart ZZZZ

This engine shall comply with 40 CFR 63 Subpart JJJ. [40 CFR 63.6590(c)]  
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: Six-minute average

**EQT 0006 8a-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent**

- 64 [40 CFR 60.110b(d)(4)] DOES NOT APPLY: 40 CFR 60 Subpart Kb. [40 CFR 60.110b(d)(4)]  
 65 [LAC 33:III.2|03.G.2] LAC 33:III.2|03; DOES NOT APPLY.

**EQT 0007 8b-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent**

- 66 [40 CFR 60.110b(d)(4)] DOES NOT APPLY: 40 CFR 60 Subpart Kb. [40 CFR 60.110b(d)(4)]

- 67 [LAC 33:III.2|03.G.2] LAC 33:III.2|03; DOES NOT APPLY.

**EQT 0008 8c-09-0ST-CV - 2000 BBL Oil Storage Tank-Common Vent**

- 68 [40 CFR 60.110b(d)(4)] DOES NOT APPLY: 40 CFR 60 Subpart Kb. [40 CFR 60.110b(d)(4)]  
 69 [LAC 33:III.2|03.G.2] LAC 33:III.2|03; DOES NOT APPLY.

**EQT 0009 8d-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent**

- 70 [40 CFR 60.110b(d)(4)] DOES NOT APPLY: 40 CFR 60 Subpart Kb. [40 CFR 60.110b(d)(4)]  
 71 [LAC 33:III.2|03.G.2] LAC 33:III.2|03; DOES NOT APPLY.

**EQT 0010 8e-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent**

**SPECIFIC REQUIREMENTS**

AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field  
 Activity Number: PER20090001  
 Permit Number: 2880-00412-00  
 Air - Minor Source/Small Source Initial

**EQT 0010 8e-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent**

72 [40 CFR 60.110b(d)(4)]  
 DOES NOT APPLY: 40 CFR 60 Subpart Kb. [40 CFR 60.110b(d)(4)]  
 LAC 33:III.2103.G.2]  
 LAC 33:III.2103: DOES NOT APPLY.

**EQT 0011 8f-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent**

74 [40 CFR 60.110b(d)(4)]  
 DOES NOT APPLY: 40 CFR 60 Subpart Kb. [40 CFR 60.110b(d)(4)]  
 LAC 33:III.2103: DOES NOT APPLY.

**EQT 0012 8g-09-WST-CV - 1500 BBL Water Storage Tank-Common Vent**

76 [40 CFR 60.110b(d)(4)]  
 DOES NOT APPLY: 40 CFR 60 Subpart Kb. [40 CFR 60.110b(d)(4)]  
 LAC 33:III.2103: DOES NOT APPLY.

**EQT 0014 9-09-F - Control Flare**

Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.  
 Which Months: All Year Statistical Basis: None specified  
 Submit notification: Due to SPOC as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:1.3923. Notification is required only if the upset cannot be controlled in six hours.  
 Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not 1 more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: Six-minute average  
 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).  
 Which Months: All Year Statistical Basis: None specified  
 VOC, Total >= 85 % reduction. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.  
 Which Months: All Year Statistical Basis: None specified  
 Presence of a flame monitored by visual inspection/determination daily.  
 Which Months: All Year Statistical Basis: None specified  
 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2.  
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Record the information associated with visible emission checks, including the flare device's ID number, the date the visual check was performed, whether visible emissions were detected for a period longer than 6 hours in any 10 consecutive days, the results of any 40 CFR 60, Appendix A, Method 9 testing conducted, and any corrective action employed. Keep records on site and available for inspection by the Office of Environmental Compliance.

**SPECIFIC REQUIREMENTS****AI ID: 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field****Activity Number: PER20090001****Permit Number: 2880-00412-00****Air - Minor Source/Small Source Initial****EQT 0014 9-09-F - Control Flare**

87 [LAC 33:III.501.C.6]

Opacity monitored by 40 CFR 60, Appendix A, Method 9 upon occurrence of event. Monitor during the next required visible emissions check, if visible emissions are detected for a period longer than six hours in any 10 consecutive days. If the shade or appearance of the emission is darker than 20 percent average opacity, take corrective action to return the flare to its proper operating condition, and repeat the opacity reading in accordance with Method 9 during the next required visible emissions check.

Which Months: All Year Statistical Basis: None specified

Presence of a flame recordkeeping by electronic or hard copy continuously.

Presence of a flame monitored by heat sensing device continuously.

Which Months: All Year Statistical Basis: None specified

Visible emissions monitored by visual inspection/determination continuously during a process upset event.

Which Months: All Year Statistical Basis: None specified

If it appears an emergency cannot be controlled in six hours, notify the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC) in accordance with LAC 33:1.3923 as soon as possible after the start of the upset period. Presence of a flame recordkeeping by electronic or hard copy daily.

Develop a corrective action plan for re-lighting the flare. Keep plan readily available for immediate implementation in the event the flare needs to be re-lit.

Benzene <= 1.0 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, if the Benzene emissions exceeds the maximum listed in this specific condition for any twelve consecutive month period.

Which Months: All Year Statistical Basis: None specified

Presence of a flame monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

Benzene recordkeeping by electronic or hard copy monthly. Keep records of the total benzene emissions each month, as well as the total benzene emissions for the last twelve months. Make records available for inspection by DEQ personnel.

Flare Flow rate monitored by technically sound method continuously.

Which Months: All Year Statistical Basis: None specified

Submit report: Due annually, by the 31st of March. Report the Benzene emissions for the preceding calendar year to the Office of Environmental Compliance. This report can be combined with reports required under LAC 33:III.535.

**EQT 0015 10-09-HT-WG - Heater Treater-Waste Gas**

99 [LAC 33:III.2115.H.1.a]

LAC 33:III.2115: DOES NOT APPLY.

**EQT 0023 18-09-LL - Loading Losses-Oil Transfer to Marine Barge**

100 [LAC 33:III.2103.A]

LAC 33:III.2108: DOES NOT APPLY.

**FUG 0001 20-09-FE - Fugitive Emissions**

**SPECIFIC REQUIREMENTS**

**AI ID:** 165747 - CL&F 34 #1 Production Facility - Kent Bayou Field  
**Activity Number:** PER20090001  
**Permit Number:** 2880-00412-00  
**Air - Minor Source/Small Source Initial**

**FUG 0001 20-09-FE - Fugitive Emissions**

Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

**UNF 0001 Cabot Oil & Gas Corp. - CL & F 334 No. 1 Production Facility**

101 [LAC 33:III.2111]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

102 [40 CFR 60.]

All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table xx of 40 CFR 63 Subpart xx.

103 [40 CFR 63.]

Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.

104 [LAC 33:III.1103.]

Outdoor burning of waste material or other combustible material is prohibited.

105 [LAC 33:III.1109.B]

Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

106 [LAC 33:III.1303.B]

Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

107 [LAC 33:III.2113.A]

Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

108 [LAC 33:III.219]

Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.

109 [LAC 33:III.2901.D]

If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC

33:III.2901.G.

110 [LAC 33:III.2901.F]

Comply with the Louisiana General Conditions as set forth in LAC 33:III.537.

111 [LAC 33:III.537]

Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution

112 [LAC 33:III.5611.A]

Emergency: Due within 30 days after requested by the administrative authority.

113 [LAC 33:III.5611.B]

During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

114 [LAC 33:III.927]

Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:1.I. Chapter 39, Notification Regulations

115 [LAC 33:III.927]

and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:1.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.

**Lourdes Dugas**

**From:** Stormy Mandella [smandella@hlpengineering.com]  
**Sent:** Monday, August 31, 2009 12:00 PM  
**To:** Lourdes Dugas  
**Cc:** Bryan Johnston  
**Subject:** FW: NESHAP - Subpart HH  
**Attachments:** \_AVG certification\_.txt

See below.

Stormy B. Mandella

HLP Engineering, Inc.  
117 Park Center Street  
Broussard, LA 70518

(337) 839-1075 ext. 241  
(337) 839-1072 - fax  
[smandella@hlpengineering.com](mailto:smandella@hlpengineering.com)  
[www.hlpengineering.com](http://www.hlpengineering.com)

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-----Original Message-----

From: Nizich.Greg@epamail.epa.gov [mailto:Nizich.Greg@epamail.epa.gov]  
Sent: Friday, August 03, 2007 10:53 AM  
To: Thomas Lasalle  
Cc: Alexa Broussard; Amber Leonards; Stormy Mandella  
Subject: Re: NESHAP - Subpart HH

Hi Thomas,

For Subpart HH, we intended for the 1 tpy benzene limitation to apply to actual (not potential) emissions and take into account post-control device emissions if the control device is under a federally enforceable permit. If the control device is not under a FE permit, then the reduction achieved by the control device should not be considered in determining if the dehydration unit is under the 1 tpy threshold.

In the example you mention, the flare would have to be operated under a FE permit to consider the reductions achieved in the 1 tpy determination.

Hope that answers your question.

Greg.  
Greg Nizich,  
USEPA Office of Air Quality Planning and Standards Coatings and Chemicals Group  
919-541-3078

"Thomas Lasalle"  
<tlasalle@hlpeng  
ineering.com> To  
Greg Nizich/RTP/USEPA/US@EPA  
08/03/2007 10:57 cc  
AM "Stormy Mandella"  
<[smandella@hlpengineering.com](mailto:smandella@hlpengineering.com)>,  
"Amber Leonards"  
<[aleonards@hlpengineering.com](mailto:aleonards@hlpengineering.com)>,  
"Alexa Broussard"  
<[abroussard@hlpengineering.com](mailto:abroussard@hlpengineering.com)>  
Subject  
NESHAP - Subpart HH

When EPA uses the term 'actual' did they intend the term to have a different meaning than 'potential'.

I don't know if this can be answered in simple terms with an e-mail, but we want to know whether the term 'actual', as used in the regulations concerning benzene emissions of over 1-TPY, is the same as 'potential' emissions.

Our take on it is that actual has a different meaning and it should be considered what is really (actually) coming from the glycol unit and if that glycol unit (i.e. still column vent) is piped to a flare then actual benzene emissions would have to be calculated after the flare device not before – even though the flare is considered a control device. If this stance is correct, does it matter whether emission limits from that flare are federally enforceable?

Thanks again for all your help with this – we are just running into some wide discrepancies on this subject w/LDEQ.

Feel free to call.

Thomas R. LaSalle, P.E.  
HLP Engineering, Inc.  
117 Park Center Street  
Broussard, LA 70518

(337) 839-1075 ext. 29  
(337) 839-1072 - fax  
[tlasalle@hlpengineering.com](mailto:tlasalle@hlpengineering.com)  
[www.hlpengineering.com](http://www.hlpengineering.com)

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.476 / Virus Database: 269.11.0/929 - Release Date:

7/31/2007 5:26 PM

**Lourdes Dugas**

---

**From:** Stormy Mandella [smandella@hlpengineering.com]  
**Sent:** Wednesday, September 02, 2009 1:52 PM  
**To:** 'Gordon Ganaway'; Lourdes Dugas; Kaylee Fontenot  
**Cc:** 'George Taylor'; 'Kim Dillard'; 'Karen Ballew'; Bryan Johnston  
**Subject:** RE: Cabot Oil & Gas Corporation (COGC) - CL&F 34-1 air permit application

Lourdes,

I discussed the flare issue with Bryan Johnston. Please get with him as it does not appear that the permit would need to go on public notice to make the flare federally enforceable.

Thanks

**Stormy B. Mandella**

HLP Engineering, Inc.  
117 Park Center Street  
Broussard, LA 70518

(337) 839-1075 ext. 241  
(337) 839-1072 - fax  
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**From:** Gordon Ganaway [mailto:gordon.ganaway@cabotog.com]  
**Sent:** Wednesday, September 02, 2009 1:16 PM  
**To:** lourdes.dugas@la.gov; kaylee.fontenot@la.gov  
**Cc:** George Taylor; Kim Dillard; Karen Ballew; Stormy Mandella  
**Subject:** Cabot Oil & Gas Corporation (COGC) - CL&F 34-1 air permit application

**Ms. Dugas/Ms. Fontenot:**

As discussed with Ms. Dugas today, Cabot Oil & Gas Corporation (COGC) requests an extension for the CL&F 34-1 air permit application.

COGC requests that the permit required by date of 9/1/09 be changed to ASAP.

Stormy Mandella-HLP Engineering will contact you to discuss the routing of the reboiler flash emissions.

If you need anything else, please let me know. Thanks for taking the time to discuss the permit with me earlier today.

Thanks you,

**Gordon Ganaway, CSP, REM**  
Regional Manager, Safety & Environmental Affairs  
Cabot Oil and Gas Corporation  
office: 281.589.5710

cell: 832.326.6069  
fax: 281.589.4694  
email: [gordon.ganaway@cabotog.com](mailto:gordon.ganaway@cabotog.com)

BOBBY JINDAL  
GOVERNOR



HAROLD LEGGETT, PH.D.  
SECRETARY

**State of Louisiana**  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
ENVIRONMENTAL SERVICES

**COPY**

Agency Interest No. 165747  
Permit No. 2880-00412-00  
Activity No. PER20090001

AUG 20 2009

Mr. George Taylor  
Cabot Oil & Gas Corporation  
1200 Enclave Parkway  
Houston, TX 77077

**RE: CL & F 34 No. Production Facility  
Administrative Completeness Determination**

Dear Mr. Taylor:

The Office of Environmental Services received your application for a minor source air permit on August 20, 2009. As of the date of this letter, the application, along with any additional information submitted to date, has been determined to be administratively complete and has been assigned to the Petrochemical Section, Group 3. Please note that the Department may require additional information if technical deficiencies are found at a later date.

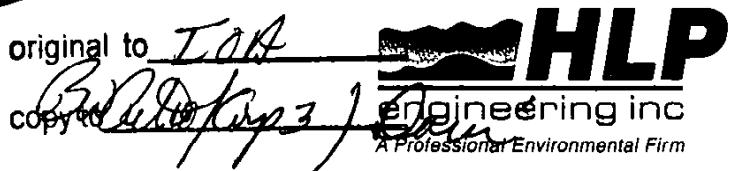
If you have any questions, please call me at (225) 219-3286. Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink.

Jerri Muller  
Environmental Project Specialist  
Permit Application Administrative Review Group

c: 10-A



August 10, 2009

Louisiana Department of Environmental Quality  
Office of Environmental Services  
Permits Division  
P.O. Box 4313  
Baton Rouge, LA 70821-4313  
Attn: Cheryl Nolan

*AL165747*

*2880 - 00412-ad*

*AL20090001*

**COPY**

2009 AL20090001

**RE: Application for Standard Oil & Gas Air Permit**  
**Cabot Oil & Gas Corporation**  
**CL & F 34 No. 1 Production Facility; Kent Bayou Field**  
**Terrebonne Parish, LA**

On behalf of Cabot Oil & Gas Corporation (Cabot) and in accordance with LAC 33:III.5, submitted with this are one bound and two "clipped" sets of the referenced material. A \$449 check is included for the review fees associated with fee number 0040. Request is hereby made for a standard oil and gas air permit for the proposed facility.

This facility will function as a typical oil and gas production facility. Construction on this site is expected to begin in September 2009.

Details of the operations, emission estimates and associated emission programs are included herein and verify that the facility should be classified as a minor source under the State and Federal air permitting programs. All measures should be taken to assure that the minor source classification is federally recognized.

Please note that the gas compressor engine (EPN: 5-09-ICE-ES), the oil pump engine (EPN: 6-09-ICE-ES) and the SWD pump engine (EPN: 7-09-ICE-ES) have not yet been installed nor have the makes and models of the engines been determined. Once the engines are selected, if applicable, Cabot will ensure that any appropriate compliance, reporting and record keeping requirements associated with 40 CFR Part 60 Subpart JJJJ are met.

A request for expedited permit processing is also enclosed with this submittal. Cabot requests that permit approval be granted by September 1, 2009.

If any other information is required regarding these matters, please do not hesitate to contact me at (337) 839-1075. All written correspondence should be directed to: **Cabot Oil & Gas Corporation, 1200 Enclave Parkway, Houston, TX 77077, Attn.: Gordon Ganaway**. Thank-you in advance for your assistance with this matter.

Sincerely,  
**HLP ENGINEERING, INC.**

*Stormy B. Mandella*

Stormy B. Mandella

Encl.

xc: Gordon Ganaway - Cabot



**STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Office of Environmental Services • Environmental Assistance Division  
Post Office Box 4313 • Baton Rouge, LA 70821-4313  
Customer Service: 225-219-LDEQ (5337) or Toll Free 1-866-896-LDEQ (5337)

## **REQUEST FOR EXPEDITED PERMIT PROCESSING**

This form is to be submitted when an applicant requests consideration for expedited processing of permits, modifications, licenses, registrations, or variances in accordance with LAC 33:1 Chapter 18. Submission of this form shall in no way constitute approval of the expedited permit request. The Office will notify the applicant in writing of the decision to expedite processing of the requested permit application. **ALL INFORMATION MUST BE PROVIDED. Please submit one form for each activity for which expedited processing is requested.**

<b>SECTION I - FACILITY INFORMATION</b>									
<b>Agency Interest (AI) #</b>		165747		<b>Permit # (if permitted)</b>		TBD			
<b>Date Permit Application Submitted</b>									
<b>Media</b>	<input checked="" type="checkbox"/> Air		<input type="checkbox"/> Solid Waste		<input checked="" type="checkbox"/> New Facility		<input type="checkbox"/> Modified Facility		
	<input type="checkbox"/> Water		<input type="checkbox"/> Hazardous Waste		<input type="checkbox"/> General Permit		<input type="checkbox"/> Variance		
	<input type="checkbox"/> Other :				<input type="checkbox"/> License		<input type="checkbox"/> Registration		
						<input type="checkbox"/> Renewal w/ Modification			
<b>Owner / Operator Name</b>		Cabot Oil & Gas Corporation							
<b>Facility Name</b>		CL & F 34 No. 1 Production Facility; Kent Bayou Field							
<b>Mailing Address</b>		<b>Street</b>	1200 Enclave Parkway						
		<b>City</b>	Houston	<b>State</b>	TX	<b>Zip</b>	77077		
<b>Technical Contact Available After Normal Work Hours</b>		<b>Name</b>	Gordon Ganaway						
		<b>Phone</b>	281-589-5710						
		<b>Cell Phone</b>							
		<b>Fax</b>							
		<b>E-mail</b>	gordon.ganaway@cabotog.com						
<b>SECTION II - EXPEDITED PERMIT INFORMATION</b>									
<b>1. How many new permanent jobs will result from this permit action?</b>						0			
<b>2. Date requested for final permit decision</b>		9/1/2009							
<b>3. Is construction activity proposed in permit application?</b>						<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<b>4. Does the applicant owe any outstanding fees to LDEQ?</b>						<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If you answered "Yes" to No. 4, above, attach explanation to this form.									
<b>5. Is there a limit to the amount you are willing to pay to expedite the permit?</b>						<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

If you answered "Yes" to No. 5, above, please read and complete the following:

I understand that if such a maximum amount is requested, the number of overtime hours a department employee or contractor works processing the permit, modification, license, registration, or variance shall be limited accordingly. If further processing of the document is required, the department's continued review will not be in accordance with the provisions of this Chapter, and the request will no longer be handled on an expedited basis. I understand that the department will charge a fee for the expedited processing which was performed. (LAC 33:I.1805).

I wish to limit the expedited permit fee to: \$

Provide the basis or need for this expedited permit request.

Cabot Oil & Gas Corporation would like to commence construction of this oil & gas production facility as soon as possible. They would like a permit in place to avoid any delays.

### SECTION III - PUBLIC NOTICE

Public notice of all expedited permit processing will be provided in accordance with LAC 33:I.1809.A.

### SECTION IV – CERTIFICATIONS

Check the appropriate box regarding pending enforcement actions and lawsuits.

I certify that I am not subject to any pending state or federal enforcement actions, including citizen suits brought under state or federal law.

Or

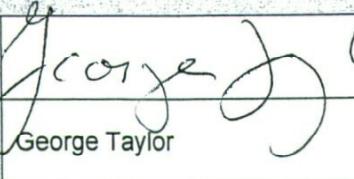
I am currently subject to pending state or federal enforcement actions, including citizen suits brought under state or federal law.

Please read and complete the following:

I, as the duly authorized responsible official, certify in accordance with LAC 33:I.1803.C, that should additional information be required to complete the permit process, all requested information will be provided within the timeframes specified by the department.

I understand that:

- If the requested information is not provided within the timeframes specified, or if the limit I have indicated as a maximum amount to be paid for expedited processing is reached, the Department reserves the right to cease processing the permit, modification, license, registration, or variance as an expedited permit.
- If the department ceases expedited permit processing, I will be billed for the expedited processing that occurred in accordance with LAC 33:I.1805.B.
- There is no guarantee that a final permit decision will be issued by the date I have requested.
- The submittal of this request does not release me from liability for any violations related to this activity or the Environmental Quality Act.
- A permit may be required prior to any construction at the site, operation of the proposed activity or commencement of discharges from this proposed activity, and I should refer to media-specific regulations for this information.

Signature		Title	Operations Manager, Southern Division
Printed Name	George Taylor	Date	8/18/09

Thursday, August 20, 2009

11:18:32 AM

# RECEIPT OF CHECK

Master AI #: 165747

Name on Check: HLP Engineering, Inc.

Master File Name: CL&F 34 #1 Production Facility - Kent Bayou Field

Check Received Date: 8/20/2009

Check Date: 8/10/2009

Check Number: 016868

Check Amount (\$): \$449.00

Staff Entry: BARBARAW

Date data entered: 8/20/2009

Media: AIR

Comments: initial, expedited SOGA for Cabot Oil & Gas Corp.,  
CL&F 34 No. 1 Production Facility